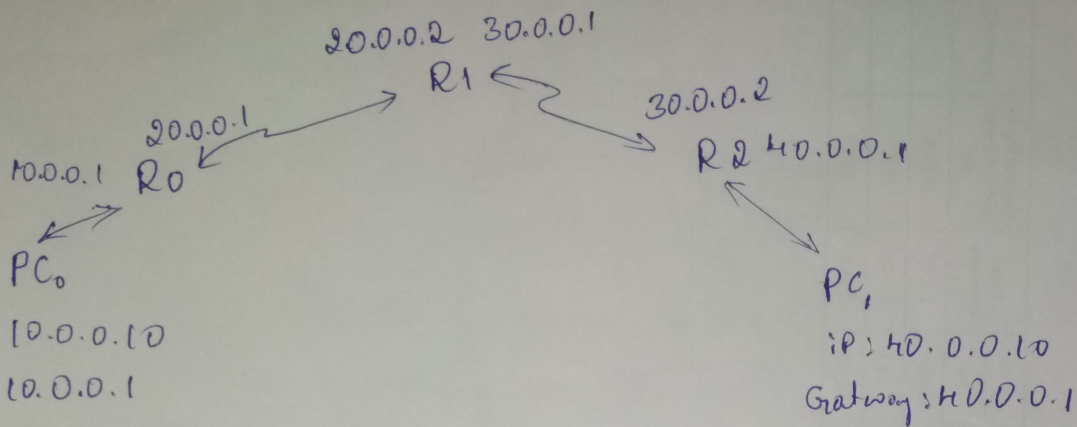


LAB-6

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G. Config IP routing protocol in Routers

Sol



- Set IP address and Gateway.
- Config routers using RIP protocol.
 - R0(Config)#router rip.
 - R0(Config-router)#network 10.0.0.0
 - R0(Config-router)#network 20.0.0.0.
 - R0(Config-router)#exit.
- R0(Config)#interface Serial s/o
 - R0(Config)#encapsulation PPP.
 - R0(Config)#clock rate 64000
 - #exit
- Ping PC1 from PC0.
 - i.e. ping 40.0.0.10.
- we can even configure routers with R(Config-router)#version 2
 - Version 2 is classless protocol which supports variable-length subnet masking.

Part 2 :-

Demonstrate WEB server and DNS using packet tracer.

Sol :-

PC₀ ↔ Switch 1 ↔ Server

192.168.1.100

192.168.1.254.

- Set ip address for PC & server as mentioned above
- Set the DNS server config in PC₀ config setting.
- Enable DNS service in server → Services.
- Web browse from PC₀ using the server ip address assigned, which shows the search for the particular ip address.
- We can add and edit the web server page by.
Server → Services → DNS.

Add domain name.

- We can then web browse from PC₀ using the newly added domain.
- We can change the files of the project address by
Server → Services → HTTP.
- Here we can change/delete the domain.